stations receiving programming from [an] <u>said at least one programming</u> origination station and retransmitting said received programming to at least one <u>of said plurality of</u> subscriber stations, said method comprising the steps of:

scheduling a time for transmitting [a unit of] <u>said</u> programming from each of said plurality of intermediate transmission stations to [a] <u>said at least one</u> subscriber, [the] <u>said</u> scheduled time[s] differing from intermediate station to intermediate station;

communicating to a computer at each <u>of said plurality of</u> intermediate transmission stations [the] <u>said</u> scheduled time for [its] <u>each of said plurality of</u> intermediate transmission stations to transmit said [unit of] programming to [a] <u>said at least one</u> subscriber;

transmitting said [unit of] programming to said plurality of [interemediate] <u>intermediate</u> transmission stations;

controlling each of said plurality of intermediate transmission stations to receive and store said [unit of] programming for a period of time; and

controlling each of said plurality of intermediate transmission stations to transmit said received and stored [unit of] programming at [its] <u>said</u> scheduled time <u>for each of said plurality of intermediate transmission stations</u>.

3. (Amended)	A method of communicating programming to <u>at least one</u> subscriber[s] in a network, said network comprising <u>at least</u> one [or more] programming origination station[s], a plurality of intermediate transmission stations, and a plurality of subscriber stations, each <u>of said plurality of</u> intermediate transmission stations receiving programming from [an] <u>said at least one programming</u> origination

2

station and retransmitting said received programming to at least one of said plurality of subscriber stations, said method comprising the steps of:

scheduling one of a channel [or] and a frequency for transmitting [a unit of] said programming from each of said plurality of intermediate transmission stations to [a] said at least one subscriber, [the] said one of said scheduled channel[s or frequencies] and said scheduled frequency differing from intermediate station to intermediate station;

communicating to a computer at each of said plurality of intermediate transmission stations [the] said one of said scheduled channel [or] and said scheduled frequency for [its] each of said plurality of intermediate transmission stations to transmit said [unit of] programming to [a] said at least one subscriber;

transmitting said [unit of] programming to said plurality of [interemediate] intermediate transmission stations;

controlling each of said plurality of intermediate transmission stations to [receive] select and store said [unit of] programming for a period of time; and

controlling each of said plurality of intermediate transmission stations to transmit said [received] selected and stored [unit of] programming on [its] said one of said scheduled channel [or] and said scheduled frequency for each of said plurality of intermediate transmission stations.

4. (Amended)   A method of communicating programming to at least one subscriber[s] in a network, said network comprising at least one [or more] programming origination station[s], a plurality of intermediate transmission stations,

3

and a plurality of subscriber stations, each <u>of said plurality of</u> intermediate transmission stations receiving programming from [an] <u>said at least one programming</u> origination station and retransmitting said received programming to at least one <u>of said plurality of</u> subscriber stations, said method comprising the steps of:

scheduling <u>one of</u> a time and a channel [or] <u>and a</u> frequency for transmitting [a unit of] <u>said</u> programming from each of said plurality of intermediate transmission stations to [a] <u>said at least one</u> subscriber, [the] <u>said one of said</u> scheduled time[s or] <u>and said scheduled</u> channel[s or frequencies] <u>and said scheduled frequency</u> differing from intermediate station to intermediate station;

communicating to a computer at each <u>of said plurality of</u> intermediate transmission stations [a] <u>said one of said</u> scheduled time [or] <u>and said scheduled</u> channel [or] <u>and said scheduled</u> frequency <u>in order</u> for [its] <u>each of said plurality of</u> intermediate transmission stations to transmit said [unit of] programming to [a] <u>said at least one</u> subscriber;

transmitting said [unit of] programming to said plurality of [interemediate] <u>intermediate</u> transmission stations;

controlling each of said plurality of intermediate transmission stations to receive and store said [unit of] programming for a period of time; and

controlling each of said plurality of intermediate transmission stations to transmit said received and stored [unit of] programming at [its] <u>said one of said</u> scheduled time [or on its] <u>and said</u> scheduled channel [or] <u>and said scheduled</u> frequency <u>for each of said plurality of intermediate transmission stations</u>.

4

5. (Amended)   A method of signal processing in a network having at least one intermediate transmission station and at least one ultimate receiver station, said method comprising the steps of:

transmitting a first signal to said at least one intermediate transmission station, said first signal containing at least one identification datum;

controlling said at least one intermediate transmission station a first time on the basis of information one of contained in [or] and communicated to be processed with said first signal, said first step of controlling [comprising] including:

(1) communicating at least [some] a portion of said first signal to a storage location, said at least [some] a portion of said first signal including said at least one identification datum; and

(2) storing said at least [some] a portion of said first signal and said at least one identification datum;

controlling said at least one intermediate transmission station a second time on the basis of information one of contained in [or] and communicated to be processed with said first signal, said second step of controlling [comprising the steps of] including:

(1) selecting said first signal;

(2) selecting a second signal, said selected second signal containing at least [some] a portion of a mass medium programming presentation;

(3) modifying at least [some] a portion of said second signal; and

5

(4)   ~~transmitting said modified~~ at least [some] <u>a portion</u> of said second

signal; and

outputting said mass medium programming presentation at said at least one

ultimate receiver station.

6. (Amended)   The method of claim 5, further comprising the step of

receiving at said at least one intermediate transmission station a signal containing one

from the group consisting of:

(1)   local-formula-and-item information;

(2)   formula-and-item-of-this-transmission information;

(3)   [generally applicable] <u>one of</u> video, audio, [or] <u>and</u> print;

(4)   an intermediate generation set;

(5)   a program instruction set;

(6)   meter-monitor information; and

(7)   ~~a transmission schedule.~~

7. (Amended)   The method of claim 5, wherein <u>at least</u> one of said first

signal and said second signal is selected at a selected time, said method further

comprising the steps of:

receiving a timing control signal at said at least one intermediate transmission

station; and

selecting said <u>at least</u> one of said first signal and said second signal based on said

timing control signal.

8. (Amended) The method of claim 7, wherein said at least one identification datum is at least part of a timing control signal, said method further comprising the step of receiving a transmission schedule which <u>one of</u> contains said at least one identification datum [or] <u>and</u> is effective to select said first signal at a selected time based on said at least one identification datum.

9. (Amended) The method of claim 5, wherein said mass medium program<u>ming</u> presentation includes video and said selected first signal contains a video image to be presented <u>one of</u> in combination with [or] <u>and</u> sequentially with <u>said</u> video <u>of said mass medium programming presentation</u> contained in said second signal.

10. (Amended) The method of claim 5, wherein said mass medium program<u>ming</u> presentation includes audio and said selected first signal contains a<u>n</u> audio <u>presentation</u> to be presented <u>one of</u> in combination with [or] <u>and</u> sequentially with <u>said</u> audio <u>of said mass medium programming presentation</u> contained in said second signal.

11. (Amended) The method of claim 5, wherein said mass medium program<u>ming</u> presentation includes print and said selected first signal contains <u>one of</u> text [or] <u>information and</u> graphic information to be presented <u>one of</u> in combination with [or] <u>and</u> sequentially with [text or graphic information] <u>said print of said mass medium programming presentation</u> contained in said second signal.

12. (Amended)   The method of claim 5, wherein said second signal is modified on the basis of <u>one of at least</u> one [or more] data [or] <u>control instruction and at least one</u> processor control instruction[s] contained in said first signal, said method further comprising the step of inputting at least [some] <u>a portion</u> of said first signal to a computer.

13.   The method of claim 5, wherein said second signal contains higher language code and said second signal is modified by placing information into said higher language code, said method further comprising the step of assembling said higher language code at one of said at least one intermediate transmission station and said ultimate receiver station.

14.   The method of claim 5, wherein said second signal contains higher language code which is assembled at said at least one intermediate transmission station and controls said ultimate receiver station, said method further comprising the step of linking assembled higher language code at said at least one intermediate transmission station.

15. (Amended)   A method of signal processing in a network having at least one intermediate transmission station and at least one ultimate receiver station, said method comprising the steps of:

storing a first signal and at least one identification [data] <u>datum</u> in said network;

modifying a second signal at said at least one intermediate transmission station based on <u>at least</u> one [or more] of said stored first signal and said stored at least one

8

identification [data] <u>datum,</u> said modified second signal operating at said at least one

ultimate receiver station to output part of a mass medium programming presentation;

and

transmitting said modified second signal.

16. (Amended)   The method of claim 15, wherein said mass medium

programming presentation is a combined medium presentation and said part <u>of said</u>

<u>mass medium programming presentation</u> is <u>one of</u> video, audio, print, [or] <u>and</u> a

television program<u>ming</u> segment.

17. (Amended)   A method of signal processing in a network having a

plurality of receiver stations, each <u>of said plurality of</u> receiver station<u>s</u> being <u>one of</u> an

intermediate transmission station [or] <u>and</u> an ultimate receiver station, said method

comprising the steps of:

receiving <u>at least</u> one [or more] instruct signal[s] which [are] <u>is</u> effective to

<u>perform one of</u>:

   (a)   effect<u>ing</u> a transmitter station to modify a signal to operate at said

         plurality of receiver stations to output part of a mass medium

         program<u>ming</u> presentation; [or] <u>and</u>

   (b)   effect<u>ing</u> a first receiver station to modify a signal to operate at a

         second of said plurality of receiver stations to output part of a mass

         medium program<u>ming</u> presentation;

9

receiving a transmitter control signal which operates in said network to communicate said <u>at least</u> one [or more] instruct signal[s] to a transmitter; and

transmitting said transmitter control signal and [at least] a first of said <u>at least</u> one [or more] instruct signal[s].

18. (Amended)   The method of claim 17, wherein a command is operative to control transmission of mass medium programming, said method further having one step from the group consisting of:

transmitting said mass medium programming to at least one of said transmitter station and said first receiver station in accordance with said command;

transmitting said mass medium programming from said transmitter station in accordance with said command; and

controlling a selective [transmission] <u>transfer</u> device to communicate said mass medium programming at said first receiver station in accordance with said command.

19. (Amended)   The method of claim 17, further comprising the steps of:

receiving a transmission schedule; and

transmitting at least one of mass medium programming and a second of said <u>at least</u> one [or more] instruct signal[s] according to said transmission schedule.

20. (Amended)   A method of signal processing in a network, said method comprising the steps of:

10

receiving at a plurality of receiver stations at least one signal transmitted from one of a remote broadcast [or] transmitter station and a remote cablecast transmitter station;

storing and modifying said at least one signal at a first of said plurality of receiver stations based on information contained in said at least one signal; and

outputting part of a mass medium programming presentation at a second of said plurality of receiver stations based on said stored and modified at least one signal.

21. (Amended)   The method of claim 20, wherein said received at least one signal is one of a television [or] signal and a radio signal, said method further comprising the step of detecting at least one [or more] control instruction[s] in said received at least one signal.

22. (Amended)   The method of claim 20, wherein said received at least one signal is one of a multichannel broadcast [or] signal and a multichannel cablecast signal, said method further comprising the steps of:

selecting at least [some part] a portion of said one of said multichannel broadcast [or] signal and said multichannel cablecast signal in which to detect at least one [or more] control instruction[s]; and

transferring said selected at least [some part] a portion of said one of said multichannel broadcast [or] signal and said multichannel cablecast signal to [a] one of a control signal detector and a digital detector.

11

23. (Amended) A method of signal processing in a network having at least one intermediate transmission station and at least one ultimate receiver station, said method comprising the steps of:

transmitting a first signal to said at least one intermediate transmission station, said first signal containing a data portion <u>and</u> at least one identification datum;

receiving at said at least one intermediate transmission station a second signal containing at least [some] <u>a</u> portion of a mass medium program<u>ming</u> presentation;

controlling said at least one intermediate transmission station a first time in accordance with said first signal, said first step of controlling [comprising] <u>including</u>:

(1)   communicating at least [some] <u>a portion</u> of said first signal to a storage location, said at least [some] <u>a portion</u> of said first signal including said data portion; and

(2)   storing said at least [some] <u>a portion</u> of said first signal and <u>said</u> data portion;

controlling said at least one intermediate transmission station a second time on the basis of information <u>one of</u> contained in [or] <u>and</u> communicated to be processed with said first signal, said second step of controlling [comprising] <u>including</u>:

(1)   selecting said stored data portion;

(2)   selecting at least a portion of said second signal;

(3)   modifying said selected at least a portion of said second signal; and

(4)   transmitting said modified at least a portion of said second signal; and

12